Index of Claims

| Λn | plica | tion | 100 | ntrol | No | |
|----|-------|------|-----|--------|-----|---|
| ×μ | piica | uon | | iiu oj | 110 | ۰ |

10/034,323

Examiner

Pramila Parthasarathy

Applicant(s)/Patent under Reexamination

MARTIN ET AL.

Art Unit

2136

| √ | Rejected |
|---|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | _ | | | | | · | | | | |
|----------|----------------------------|----------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|--------------|--------------|--------------------------------------------------|-----------------|--|--|
| Cla | im | Date | | | | | | | | | | |
| | | | | | | | | I | - | | | |
| Final | Original | 1/31/07 | | | | | | | | | | |
| | 1 | - | _ | | | _ | | | | \neg | | |
| | 1 2 3 4 5 6 | - | | | | | | | | | | |
| | 3 | - | | | | | | | | | | |
| | 4 | - | | | | | | | | | | |
| | 5 | • | | | | | | | | | | |
| | 6 | - | | | | Ш | | | | | | |
| | 7 8 | - | | | L_ | _ | | | | _ | | |
| | 8 | <u>-</u> | | | <u> </u> | Щ | | _ | | | | |
| | 9 | <u> </u> | | | \vdash | | | | | Н | | |
| | 10 | ⊢ | - | | | | | \vdash | | Н | | |
| | 12 | - | | ├- | ╁ | \vdash | | - | | H | | |
| | 13 | - | _ | - | \vdash | | _ | _ | | \dashv | | |
| | 11 12 13 14 | - | | T | | | | \vdash | | П | | |
| | 15 | - | | | | | | | | | | |
| | 15 16 | Ŀ | | | | | | | | | | |
| | 17 | - | | | <u> </u> | | | | | | | |
| <u> </u> | 18 19 | <u>-</u> | | | <u> </u> | | | _ | _ | Щ | | |
| | 19 | <u> -</u> | _ | ļ | ┡ | <u> </u> | <u> </u> | | <u> </u> | _ | | |
| ļ | 20 | <u> -</u> | _ | \vdash | ├ | ├ | <u> </u> | | - | | | |
| | 21 | - | | ┢ | ├ | ┢ | - | | ├ | Н | | |
| - | 23 | - | | ┢ | - | - | | | - | \vdash | | |
| - | 23 24 | - | | † | 1 | | | \vdash | | Н | | |
| | 25 | - | | Γ | | | | | | П | | |
| | 26 | - | | | | | | | | | | |
| | 26 27 | Ŀ | | | | | | L. | | Ш | | |
| | 28 | 7 | <u>L</u> . | _ | _ | ļ | _ | _ | | Ш | | |
| | 29 30 | 1 | Ļ. | <u> </u> | ╀ | ┡ | <u> </u> | <u> </u> | _ | Ы | | |
| | 30 | | L | ├- | | ├ | | - | <u> </u> | \vdash | | |
| · | 31 32 | 1 | _ | ┡ | ╁ | - | ┝╌ | | ├ | Н | | |
| | 33 | V | \vdash | ╁ | ┼ | ╁┈ | - | | ┢ | H | | |
| 一 | 34 | | | - | ╁ | ╁ | ┢ | ┢ | - | Н | | |
| — | 34 35 | 1 | Н | | T | T | Н | 一 | - | | | |
| | 36 | 1 | | T | T | | | Π | | | | |
| | 37 | 1 | | | | | | | | | | |
| | 38 | | | | <u> </u> | | | | | Ш | | |
| | 39 | 1 | L | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}$ | | \perp | <u> </u> | ╙ | <u> </u> | Ш | | |
| <u> </u> | 40 | 1 | <u> </u> | ↓_ | ╄ | ┞- | ┞ | - | 1 | $\vdash \vdash$ | | |
| ļ | 41 | ╀ | - | + | ┢ | +- | ⊢ | - | \vdash | $\vdash \vdash$ | | |
| <u> </u> | 42 | - | \vdash | + | ╁ | +- | \vdash | \vdash | ╁ | \vdash | | |
| <u> </u> | 44 | + | \vdash | \vdash | ╁╌ | ╁ | +- | \vdash | \vdash | Н | | |
| <u> </u> | 45 | + | | + | 十 | \vdash | \vdash | T | \vdash | Н | | |
| | 46 | T | T | \dagger | t | 1 | ⇈ | Т | Г | М | | |
| | 47 | T | Г | T | † | | Г | | | ธ | | |
| | 48 | L | | | | | | | | | | |
| | 49 | | | | L | | | | | | | |
| 1 | 50 | 1 | 1 | 1 " | 1 | 1 | 1 | 1 | 1 | 1 | | |

| Cla | im | | | | | Date | | | | |
|------------|----------------|--------------|----------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------|----------|----------|
| | | | | | | | | П | | |
| ایتا | Original | | | | | | | | | |
| Final | ΞōΙ | | | | | | | | | |
| 1 4 1 | ŏ | | | | | | . | | | |
| | | | | | | | | _ | | |
| | 51 | | | | | | | | | |
| | 52 | | | | | | 1 | | | |
| | 53 | | $\overline{}$ | | | | | | | |
| | 54 | _ | | \vdash | - | | | | | _ |
| | 54 55 | | - | \vdash | - | - | - | $\overline{}$ | - | _ |
| | 20 | | - | <u> </u> | | | _ | - | | - |
| L | 56 | _ | <u> </u> | <u> </u> | | | | | | |
| | 57 | | | | | | | | | |
| | 58 | | | | | | | | | |
| | 59 | | | | | | | | | |
| 1 | 60 | | \vdash | | | | | | \vdash | |
| - | 61 | | | - | _ | H | - | | \vdash | - |
| | 01 | _ | - | \vdash | \vdash | - | | <u> </u> | - | \vdash |
| <u></u> | 62 63 | | <u> </u> | <u> </u> | <u> </u> | \vdash | | | \vdash | _ |
| | 63 | | _ | | L | | | L | | |
| | 64 | | | | | | LĪ | L | L | |
| | 65 | | | | | | | | | |
| | 66 | | Т | \vdash | | П | | | | Т |
| - | 67 | \vdash | - | \vdash | ⊢ | \vdash | H | | \vdash | \vdash |
| — — | 07 | <u> </u> | H | - | ┢ | - | - | | - | \vdash |
| L | 68 | | <u> </u> | L_ | <u> </u> | _ | | _ | _ | <u> </u> |
| | 69 | L | <u></u> | | | | | <u>_</u> | <u></u> | L |
| | 70 | | | | | | | | | |
| | 71 | | Ī | | | Г | | Г | | |
| | 72 | _ | | † - | | \vdash | \vdash | \vdash | | |
| <u> </u> | 72 | | - | \vdash | ┢ | | ┢ | \vdash | - | - |
| | 73 74 | - | — | ⊢ | - | ┢ | ⊢ | ⊢ | ├ | - |
| | /4 | _ | <u> </u> | ┞ | <u> </u> | ┡ | 1 | ├ | ├ | _ |
| L | 75 | _ | ┖ | _ | | <u> </u> | | _ | | _ |
| | 76 77 | | | | l | 1 | | | | |
| | 77 | Г | Г | | Г | Π | Г | Γ | П | |
| | 78 | | | Т | т | \Box | | T | | |
| <u> </u> | 79 | \vdash | ┰ | _ | \vdash | | ┢ | ├ | <u> </u> | - |
| <u> </u> | 79 | ⊢ | ┼─ | ┢ | - | ╌ | ├─ | ├ | \vdash | \vdash |
| | 80 | ┖ | <u> </u> | | | — | ├ | ├ | - | ⊢ |
| | 81 | L | ┖ | <u> </u> | <u> </u> | <u> </u> | <u>L</u> | _ | <u> </u> | L |
| | 81 82 83 | L | L | L | | | | | | |
| | 83 | | | Γ | | | | | | |
| | 84 | | 1 | Т | Π | Π | | Π | | |
| | 85 | \vdash | 1 | ╁ | \vdash | T . | T | \vdash | Ι- | |
| - | | - | | +- | + | + | \vdash | \vdash | + | 1 |
| | 86 | ⊢ | \vdash | | \vdash | ╁ | - | - | | ₩ |
| | 87 | ├ | | ╀- | | ₽- | 1 | 1 | - | ├ |
| L | 88 | <u> </u> | <u> </u> | 1_ | 1_ | 1 | Ļ | <u> </u> | <u> </u> | L |
| | 89 | L | L | \perp | 1 | | L | L | L | L |
| | 90 | Г | П | Γ | Π | Г | Γ | Γ | Γ | |
| | 91 | Т | \top | T | Т | Т | Γ | \vdash | П | 1 |
| | 92 | 1 | 1- | + | † | + | \vdash | \vdash | 1- | ✝ |
| <u> </u> | 02 | ╌ | +- | + | + | \vdash | +- | \vdash | +- | +- |
| | 93 | ┡ | ├ - | ╀ | \vdash | ╄ | ┼- | ┾ | ├- | \vdash |
| L | 94 | <u> </u> | ╙ | _ | \perp | 1_ | <u> </u> | L | _ | ┖ |
| | 95 | L | L | \perp | \perp | | | L | | L |
| | 96 | | Γ | Γ | | Γ | Γ | Γ | | |
| | 97 | T | Т | \top | Τ | T | \top | 1 | | Π |
| - | 98 | \vdash | + | +- | + | † | | t | + | \vdash |
| 1 | 1 30 | 1 | 1 | <u>L.</u> | 1_ | - | + | +- | + | + |
| | 50 | Т | 1 | | 1 | 1 | | | | |
| | 99 100 | | | | ╄ | 1_ | ↓_ | ـــــ | ┞ | ╄ |

| Cla | Date | | | | | | | | | |
|----------|------------------------------------------------------|----------|------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|-----------|
| Final | Original | | | | | | | | | |
| | 101 | | _ | | | | | | | コ |
| | 102 103 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 | | | L | | | | | | _ |
| | 105 106 | | | | L_ | | | | _ | \dashv |
| | 106 | <u> </u> | | | | _ | | | - | |
| | 107 108 | - | - | <u> </u> | | - | | - | _ | \dashv |
| | 109 | - | | | ┢ | \vdash | | | ┝ | |
| | 110 | ┢╾ | | | ┢ | | | | | - |
| | 111 | \vdash | | \vdash | | Ħ | | | _ | |
| | 1112 | | | | | | | \vdash | | |
| | 113 | | | | | | | | | |
| | 113 114 115 | | | 匚 | \Box | | L | | <u> </u> | \square |
| | 115 | L. | _ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | Ш |
| | 116 | | <u>_</u> | <u> </u> | <u> </u> | ļ | ļ | ┡ | | Н |
| | 117 | | | - | - | ⊢ | - | _ | - | H |
| | 118 119 | ├- | - | ┢ | - | ├ | | - | - | \dashv |
| | 120 | | | ┢ | - | ╁ | \vdash | - | - | Н |
| | 121 | | - | | | 一 | | | \vdash | H |
| | 122 | \vdash | \vdash | i - | t | 一 | | | Г | |
| | 123 | | | | | | Π | | | |
| | 124 | | | | | | | | | |
| | 125 | | | | | | | | | |
| | 121 122 123 124 125 126 127 128 | _ | | L | _ | <u> </u> | <u> </u> | <u> </u> | L | Щ |
| | 127 | | <u> </u> | _ | ļ | <u> </u> | <u> </u> | ╙ | ╙ | Н |
| | 128 | - | ┡ | <u> </u> | ⊢ | ⊢ | <u> </u> | ▙ | ├ | Н |
| <u> </u> | 129 130 131 | ├ | ├ | - | ╀ | ₩- | | ├ | Ͱ | |
| | 130 | ├ | ╁┈ | ⊢ | ┾ | ╁ | - | | ╁ | |
| <u> </u> | 132 | 1 | ┢╌ | ╫ | 1 | \vdash | - | | - | H |
| | 132 133 134 | \vdash | ┢ | ╁ | +- | ╁╌ | ┢ | \vdash | H | |
| | 134 | ✝ | | t | I^- | | \vdash | \vdash | T | |
| | 1135 | 1 | | | | | | | | |
| | 136 | | | | | | | | | |
| | 137 | <u> </u> | lacksquare | \perp | 1_ | ╄ | <u> </u> | L | ऻ_ | _ |
| | 138 139 | ــ | - | ļ | <u> </u> | \vdash | ـ | 1 | \vdash | - |
| <u> </u> | 139 | ╄ | \vdash | ├ | ├- | ╁. | ⊬ | ├- | | |
| <u> </u> | 140 141 | + | ⊢ | + | ╁ | ╁ | ╁ | ╁ | ╁ | ├ |
| | 142 | + | \vdash | ╁ | ╁ | + | + | ╁╴ | \vdash | ┼ |
| | 143 | + | ╁ | \vdash | \vdash | 1 | \dagger | \vdash | T | t^- |
| | 144 | † | T | T | T | 1 | T | 1 | t | T |
| | 145 | 1 | T | | T | | | Γ | | |
| | 146 | L | Ī | | | | | | | |
| | 147 | | | | | | | | | |
| | 148 | | | Ľ | L | \perp | _ | L | \perp | <u> </u> |
| | 149 | 1 | 1 | 1 | \downarrow | \perp | L | \perp | \perp | |
| <u> </u> | 150 | <u> </u> | <u></u> | | <u> </u> | J | <u> </u> | 上 | | |